

Product datasheet

Anti-CD8 alpha antibody [OX-8] ab33786

★★★★★ 2 Abreviews 8 References 5 图像

概述

产品名称	Anti-CD8 alpha抗体[OX-8]
描述	小鼠单克隆抗体[OX-8] to CD8 alpha
宿主	Mouse
经测试应用	适用于: Blocking, Flow Cyt, IHC-Fr, IHC-P, WB, IP, ICC/IF
种属反应性	与反应: Rat
免疫原	Rat thymocyte membrane glycoproteins.
阳性对照	IHC-Fr: Rat lymph node and spleen tissues.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
克隆编号	OX-8
骨髓瘤	NS1
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab33786** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Blocking		Use at an assay dependent concentration.

应用	Ab评论	说明
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Flow Cyt

1/50 - 1/100.

Use 10µl of the suggested working dilution to label 10⁶ cells in 100µl.

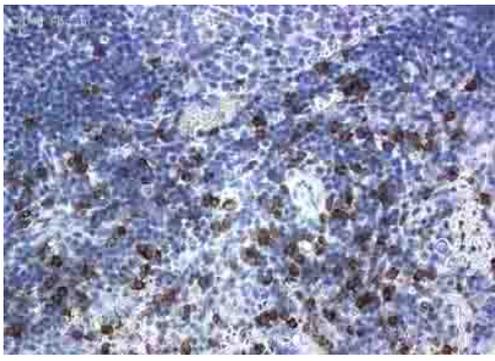
[ab170190](#) - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

IHC-Fr	★★★★☆	Use at an assay dependent concentration.
IHC-P	★★★★★	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

靶标

功能	Identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing. CD8 alpha chains binds to class I MHC molecules alpha-3 domains.
疾病相关	Defects in CD8A are a cause of familial CD8 deficiency (CD8 deficiency) [MIM:608957]. Familial CD8 deficiency is a novel autosomal recessive immunologic defect characterized by absence of CD8+ cells, leading to recurrent bacterial infections.
序列相似性	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻译后修饰	All of the five most carboxyl-terminal cysteines form inter-chain disulfide bonds in dimers and higher multimers, while the four N-terminal cysteines do not.
细胞定位	Secreted and Cell membrane.

图片



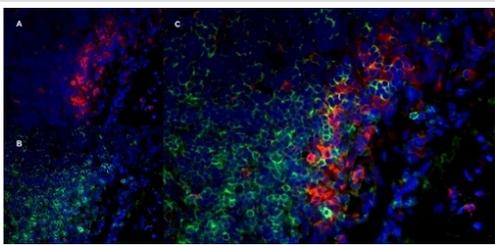
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD8 alpha antibody [OX-8] (ab33786)

Image courtesy of an anonymous Abreview.

ab33786 staining CD8 alpha in rat spleen tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

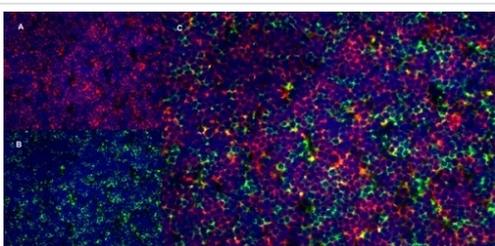
Tissue was fixed with 10% neutral buffered formalin and a heat mediated antigen retrieval step was performed using citrate buffer.

Samples were then permeabilized with Triton X-100, blocked using 5% serum for 30 minutes at 25°C and then incubated with ab33786 at a 1/100 dilution for 1 hour at 25°C. The secondary used was a biotin-conjugated rabbit anti-mouse polyclonal, used at a 1/300 dilution.



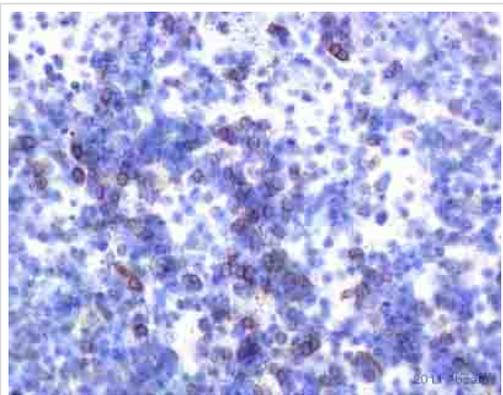
Immunocytochemistry/ Immunofluorescence - Anti-CD8 alpha antibody [OX-8] (ab33786)

Frozen rat lymph node tissue stained for CD8 alpha using ab33786 (B, green) in immunohistochemical analysis. Also stained for CD11b (A, red). C is the merged image with nuclei counterstained blue using DAPI.



Immunocytochemistry/ Immunofluorescence - Anti-CD8 alpha antibody [OX-8] (ab33786)

Frozen rat lymph node tissue stained for CD8 alpha using ab33786 (B, green) in immunohistochemical analysis. Also stained for CD25 (A, red). C is the merged image with nuclei counterstained blue using DAPI.

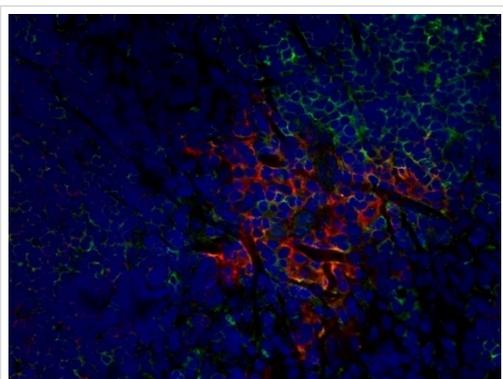


Immunohistochemistry (Frozen sections) - Anti-CD8 alpha antibody [OX-8] (ab33786)

Image courtesy of an anonymous Abreview.

ab33786 staining CD8 alpha in rat spleen tissue by Immunohistochemistry (Frozen sections).

Tissue was fixed in acetone, blocked with 5% serum for 30 minutes at 25°C, then incubated with ab33786 at a 1/200 for 1 hour 30 minutes at 25°C. The secondary used was a biotin conjugated rabbit anti-mouse polyclonal, used at a 1/300.



Immunocytochemistry/ Immunofluorescence - Anti-CD8 alpha antibody [OX-8] (ab33786)

Frozen rat lymph node tissue stained for CD8 alpha using ab33786 (B, green) in immunohistochemical analysis. Also stained for CD25 (red). Nuclei counterstained blue using DAPI.

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